

OUTLOOK

A WEEKLY NEWSPAPER FOR FACULTY AND STAFF AT THE UNIVERSITY OF MARYLAND AT COLLEGE PARK

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Withers Named Chair of Women's Commission



New Women's Commission Chair Josephine Withers

Freimuth to Be Honored as Woman of the Year

Josephine Withers, associate professor of art history and former acting director of the Women's Studies Program, has been appointed the new chair of the President's Commission on Women's Affairs.

As one of her earliest duties as the Women's Commission head, Withers will oversee the Tuesday, Sept. 25 program honoring the Commission's Outstanding Woman of the Year, Vicki Freimuth, associate professor in the Department of Speech Communication.

New women faculty members will also be welcomed to the university during the program, which will be held from 3:30 p.m. to 4:30 p.m. in Room 1400, Marie Mount Hall.

A reception will follow from 4:30 p.m. to 5:30 p.m. in the Maryland Room of Marie Mount Hall. Freimuth is a noted researcher

in Health Communication, helping people around the world to become better informed about such health issues as cancer and AIDS prevention.

As a member of the College Park faculty, she has worked with such campus organizations as the Women's Commission, where she served as chair from 1982-84, to better the quality of life for women at the university.

Prior recipients of the honor have included, Elske Smith (1977), Chris Weller (1978), Mary Broadwater and Rita Colwell (1979), Wilhelmina Jashemski (1980), Margaret Bridwell (1981), Eugenie Clark (1982), Shirley Kenny (1983), Marie Davidson (1984), Catherine Atwell (1986), Roz Hiebert (1987), Janet McKay and Mady Segal (1988), and Jean Grambs (1989).

Next Year's Asking Budget—A Call For Retrenchment

The UM Board of Regents has approved the university's 1992 fiscal budget request, and for the first time in many years, it does not reflect any increased state general fund support. Inflationary adjustments are covered primarily through base reductions in state supported programs. If the Current People Services (CPS) budget request, alone, is funded, College Park will receive the same amount of state funding next year as this year.

A retrenchment budget at best, the asking budget for all state agencies was prepared at the instruction of Governor William Donald Schaefer. Because the state is projecting a slower rate of revenue growth, budget officials asked all state agencies to develop budget requests that do not exceed the General Funds allocated for this year.

College Park's fiscal 1992 asking budget totals \$348,939,143 in State Supported Programs, an increase of \$6.8 million, just 2 percent above this year's working budget. The State Supported budget includes \$242.5 million in General Funds, \$98.9 million in Special Funds, and \$7.6 million in Federal Funds. The university receives approximately 41 percent of its budget from State-Supported General Funds. The remaining 59 percent is derived from federal and special funding sources.

The budget proposal recognizes increased revenue from tuition of \$4.7 million to help fund continuing initiatives. This includes an average tuition increase of 3.9 percent for resident undergraduates, 7.9 percent increase for non-resi-

dent undergraduates and a 5 percent increase in tuition for graduate students.

The request contains a mandatory classified salary increment of 2 percent. No merit increases for faculty and professional staff are included—the first time in memory that no merit increment is called for in the asking budget.

Mandatory inflationary increases in fringe benefits, fuel and utilities and fixed charges (insurance) account for a total of \$3.6 million, and other designated increases in the health center, financial aid, and facilities renewal costs total \$2.4 million. Reductions in fuel and utilities funding and less-than-15-year-life equipment, amount to over \$1.2 million.

As part of the budget process, a one percent reallocation of General Funds was required by the state for all agencies. This mandatory realignment of funds will result in \$2.4 million less money available for equipment, labor and assistance in physical plant and the libraries, tuition remission and fringe benefits. The reallocation of funds will help fund LIMS, Francis Scott Key scholarships, the Advisory Committee on Course Enrollment Statistics and Strategies (ACCESS), and other academic program improvements (8 positions).

Also selected environmental safety programs and the upgrade and enhancement of custodial services in physical plant (36 positions) will be accomplished through this reallocation of resources.

The budget request does not provide for the fourth year of the planned undergraduate enrollment

reduction; since the replacement of lost tuition and fee revenue with state General Funds is not included in the asking budget, the plan will be put on hold for a year, unless state General Funds are added through the governor's asking budget.

To continue minimum support of College Park's Enhancement Plan, money generated from the 3 percent tuition increase will be used to fund the following initiatives: recruitment and retention

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Andy Geiger Named Athletic Director

Ferdinand A. (Andy) Geiger, whose tenure as athletic director at Stanford University elevated him to the top rank among the nation's athletic administrators, was named Sept. 7 to direct the athletic program at the University of Maryland by College Park President William E. Kirwan. Geiger succeeds Lew Perkins who resigned in July to become athletic director at the University of Connecticut. Geiger's appointment is effective October 1.

Geiger led the 29-sport Stanford intercollegiate athletic program to 27 collegiate national championships since 1979, the most won by any school in the nation. Under his tutelage, the Cardinal teams also won a total of 96 NCAA individual titles, the most in the country. This was accomplished while Stanford teams continued to maintain a top rank among U.S. schools academically. Geiger also oversaw physical education, campus intramurals, club sports, recreation and the university golf course. He realigned the athletic department with staff expansion for club sports, fundraising and public affairs.

"Andy Geiger comes to Maryland after an extraordinarily successful eleven-year tenure at Stanford University. He has been a national leader in the reform movement, he is deeply committed to the welfare of student athletes, and he has managed programs that have been both successful in competition and models of integrity. His appointment signals a new era for our athletic program. I could not be more pleased by his selection," said Kirwan at the press conference announcing Geiger's appointment.

"Geiger was the overwhelming choice of the search committee," said Vice President William L.

Thomas, the search committee chair. "His qualities fit the job description very well. It is pleasing that our top candidate was the one named."

"During my visits here I was tremendously impressed by the potential of Maryland and by an administration that is committed to a successful athletic program both on and off the field of play," said Geiger. "I am looking forward to working with President Kirwan to accomplish the goals he has set forth."

Geiger, 51, has been an athletic administrator for 27 years. A 1961 graduate of Syracuse University, he was assistant athletic director there from 1964 to 1970. In 1970 he moved to the Eastern Collegiate Athletic Conference as assistant commissioner. He was named athletic director at Brown University in 1972, and he moved to another Ivy League school, the University of Pennsylvania, as athletic director in 1975. During his final year there, the University of Pennsylvania became the last Ivy League school to qualify for the final four of the NCAA Men's basketball championship.

Geiger was named athletic director at Stanford at the end of 1978, and he guided the Cardinal teams



New Athletic Director Andy Geiger

to the position of athletic leadership in the highly successful Pac-10 conference. At the national level, he provided leadership in the expansion of the NCAA basketball tournament and served on the NCAA Basketball Tournament Committee. He was chair of the ECAC's Committee on Infractions.

An oarsman at Syracuse University, he competed in the 1959 Pan-American Games as a member of the U.S. team. He was a freshman crew coach at Dartmouth College, and later served as manager of the U.S. crew at the 1971 Pan-American Games and as secretary of the U.S. Olympic Rowing Committee.

He has been married to the former Eleanor Rollings for 28 years. They have two children, Phillip and Gregory.

Regents Approve Asking Budget

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(\$350,000), library collections (\$400,000), minority and women faculty (6 positions and \$300,000), Center for Excellence in Manufacturing (3 positions and \$300,000), Public Policy and International Affairs (3 positions and \$300,000), and administrative computing (\$340,000).

State budget procedures allow agencies to submit an "Over the CPS Request"—a chance to ask for high priority needs that have not been funded within the current people services (CPS) budget request. Given the status quo called for in the CPS budget, the Over the CPS Request takes on special significance next year. The hope is that at least some of the high priority programs and items essential to the university's continued progress will be funded if the state's fiscal health turns out to be more positive than currently indicated. For College Park, the Over the CPS budget request totals \$18.7 million. It includes:

- **Enhancing College Park as the State's Flagship Campus**, \$9.6 million to enrich undergraduate education, reduce student/faculty ratios and introduce new courses for freshmen; recruit and retain some of Maryland's best high school students; enhance diversity by increasing minority participation at the graduate level; improve academic programs in core areas; implement new initiatives in the

sciences; expand public service, especially in agriculture and engineering; and enhance the effectiveness of administration.

- **Downsizing**, \$1,425,000 to continue the fourth year of a five-year plan to replace with state General Funds the tuition revenue lost by reducing the number of undergraduate students by 20 percent. The total full-time equivalent enrollment is projected to decline by 572 students, or two percent, in FY 1992, if the plan is funded.

- **Access to Veterinary Medicine**, \$671,760 to cover a transition of the program from MHEC to College Park.

- **Merit salary adjustments**, \$4.8 million to support a 4 percent average merit increment.

- **Extending the Facilities Renewal Program**, \$2.2 million.

What are the chances that some of the over the CPS priorities for College Park will be funded?

The governor, of course, has an opportunity to make adjustments in the university's request before presenting his asking budget to the legislature in January, 1991. But much depends on whether the forecast of slower growth in the state's tax revenue actually occurs—and whether the governor's budget priorities for other important state programs take precedence over the university's needs.

Roz Hiebert

OUTLOOK

Outlook is the weekly faculty-staff newspaper serving the College Park campus community.

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Letters to the editor, story suggestions, campus information & calendar items are welcome. Please submit all material at least three weeks before the Monday of publication. Send it to Roz Hiebert, Editor *Outlook*, 2101 Turner Building, through campus mail or to University of Maryland, College Park, MD 20742. Our telephone number is (301) 405-4621. Electronic mail address is outlook@pres.umd.edu. Fax number is (301) 314-9344.

UNIVERSITY OF MARYLAND AT COLLEGE PARK

New Directory on Women and Gender Published

Women and Gender: A Directory of Scholars, Teachers and Resources at the University of Maryland, College Park has just been issued by the Curriculum Transformation Project. Faculty who submitted entries will receive a copy. Others who wish copies may request them from the Curriculum Transformation Project office, 405-6882. Deborah Rosenfelt, director of the project, reports that 16 faculty members from across the campus spent June and July immersed in the second Summer Faculty Development Institute, "Thinking about Women." She says to watch for announcements of campus presentations by the participants.

NEWS

Everyone Welcome at Open House for New Visitor Center

With the recent installation of a new Campus Visitor Center in the Dairy Salesroom on the first floor of the Turner Building, friendly faces are greeting visitors to the university.

Specially trained students, alumni and former faculty and staff will manage a desk in the northwest corner of the Dairy where visitors can receive directions and other general information about the university. Handouts available to visitors include university and College Park town maps, fact sheets and transportation information. Traffic signs on Route 1 between the Beltway and the university direct visitors to the center.

The center, coordinated by Nick Kovalakides, former director of Campus Recreation Services, and Pat Perfetto, director of Campus Guest Services, under the auspices of the Office of Student Affairs, is part of a concerted university effort to give visitors a warm reception. Creation of a university visitor center was among the six initiatives planned by President William E. Kirwan when he took office.

While the new desk is a modest beginning for the program, it goes a long way toward filling a major void at the university, Kovalakides

and Perfetto say.

"The treatment of visitors at the university has always been an interest of mine, and I know that there are many others who feel the same way," says Kovalakides, a 33-year veteran of the university who is on professional leave this semester in preparation for a new post in which he will focus on visitor issues.

A key element of the project this month is informing the university community about the center and the services it provides.

An open house will be held at the center the week of Sept. 24-28. University employees are encouraged to visit the center in order to make themselves aware of the services available there. Faculty and staff also are encouraged to direct expected visitors to the center for information.

"I'm excited about people coming over and seeing what we're trying to do. This is a project that is entirely positive for the university," Perfetto says.

Organizers look forward to eventual expansion of the center, Perfetto says. Officials in the Department of Animal Sciences would like eventually to move their ice cream-making operation to

the Animal Sciences Building.

Although ice cream sales would continue, such a move would free space to remodel the Dairy to accommodate more visitor activities, he says. For information call 314-7777.

Brian Busek



Nick Kovalakides on duty at the new campus Visitor Center

Kovalakides' Ten Tips on Welcoming Visitors

In his 33 years at College Park as a student, coach and employee, Nick Kovalakides has been concerned about the impression visitors receive of an institution in which he takes great pride.

Always willing to lend a helping hand, Kovalakides has long been an informal goodwill ambassador for the university.

This fall, the position is becoming formalized. Kovalakides, former director of Campus Recreation Services, is on professional leave this semester to prepare for a newly created position in which he will focus on visitor issues.

Already, however, he has set goals for his new position. Among them: convincing his colleagues at the university that good visitor relations begin with them.

"When you think about it, most of the people who visit our campus want to learn from us or become part of our family. Either way, their being here is a compliment to us," he says.

Toward this end, Kovalakides has devised a list of tips for making visitors feel welcome. Here are his tips:

1. Greet our visitor as soon as he or she appears in your area. Establish eye contact and smile. The sooner and friendlier your greeting, the more comfortable our visitor will feel.

2. Promptly ask our visitor whether he or she needs your help. Our visitors shouldn't be made to feel like they're bothering you. By asking, "How may I help you?" you demonstrate your willingness to assist.

3. Give our visitor your undivided attention. If you start looking at the work on your desk or chatting with a colleague, our visitor will feel like he or she is in the way. Keep in mind that even though this is your umpteenth visitor, it is our visitor's first time meeting you. Your handling of each visitor is of paramount importance.

4. If you are busy, let our visitor know when you will be able to give him or her your attention. If you're simply too busy to help, ask a colleague to speak with our visitor.

5. Answer our visitors' questions as best you can, but don't guess. Misinformation will undo all your other good work. Also, avoid giving opinions unless asked for them.

6. If you don't know the answer to a question, try to find it. Taking a minute to call another office for the information will make you terrifically responsive and our visitor will feel important. If you send our

visitors elsewhere for answers, they'll think, "Here goes another runaround."

7. If you absolutely don't have time to help track down the information, offer our visitor use of your telephone. You might even look up the number and dial it for him or her.

8. Always keep a university map at your desk (at the very least there's one in your telephone directory) so you can provide directions. If our visitor is traveling by car, be sure to point out where he or she can park legally—a parking ticket leaves a bad taste.

9. No matter where you are, if you see someone who looks lost or confused, offer your assistance before you are asked. It never hurts to ask, and if the person does need help, you will have made a friend for the university.

10. Remember to send our visitors on their way with a friendly "enjoy your visit." You've probably gotten them off on a good start toward that goal.

Anthony Ames Will Open Architecture Lecture Series

The School of Architecture's fall season of public lectures and exhibitions will begin with a presentation by Atlanta architect Anthony Ames on his recent work, at 7:30 p.m. Wed., Sept. 19, in the Architecture Auditorium, Ames, Kea Distinguished Professor of Architecture this fall, is noted for his elegant design of houses in a style influenced by the modernism of the 1920s. Examples of his architectural drawings and photographs of his work will be exhibited Sept. 19-Oct. 17 in the Architecture Gallery. For information call 405-6284.

Matt Sheriff: Food Service with a Flair



Matt Sheriff, Dining Services director

The T.V. commercial begins with smiling, prudish women in grey cafeteria uniforms earnestly displaying unappetizing meals, such as "Meatloaf Surprise" and "Tuna Tetrazini." As the 1966 song "See You In September" plays in the background, an announcer urges students to indulge in Roy Rogers delicious fast food soon before they're limited to school cafeteria horrors.

Area school food service departments were offended by this campaign, but Matt Sheriff, the university's Dining Services director who has been "served" his share of distasteful remarks from *Diamondback* editorials, does not let their attacks ruin his appetite for college feeding.

"I try not to react to little special interest groups that may raise Cain

about something," says Sheriff. "I don't worry about the newspaper. I read it. I don't like it when they personally attack me. Go into the dining halls, talk to the kids. That's where you'll find out [the real opinions]."

Sheriff, who says he has always been in the food business, graduated from the New Hyde Park New York, Culinary Institute in 1962, and worked as a chef at the Roger Smith Hotel.

The college food industry first became appetizing to Sheriff when he worked for Rutgers University in New Jersey.

"I was unit manager there; I ran all the dining halls," Sheriff said, "When the assistant director there came here, I came with him."

Sheriff began at Maryland as the associate director in 1975 and became Dining Services director in 1979. Since then, he has worked to improve the quality and reputation of Dining Services.

"Maryland had a reputation of one of the worst college food services; everything they cooked either came in a can or it was frozen," said Sheriff. "One of the reasons food services got turned around was because the people that were here wanted to improve it."

College Park's dining services, which was recently the featured cover story of *Food Management* magazine, is now among the ten best food services in the country. According to Sheriff, more than 25 schools visited the campus last year to find ideas to improve their own services.

"We're getting closer to where I want us to be than we were 15 years ago," said Sheriff. "Then, magazines were writing about how bad we were. They would say if you want to do something wrong go to Maryland. Now they're saying if you want to do something right, come to Maryland."

Besides offering information to more area colleges, Dining Services

publishes a *Dining Services Awareness* newsletter to answer any questions parents and students might have about the campus food plan.

Sheriff also believes direct communication is important.

"I've never refused to talk to a student," he says. "I'd like to think I'm available to every student, but I have a staff that is available to talk to them, and if they're still not satisfied, I'll talk to them."

Although Sheriff has 15 years behind him, he admits he still adopts new ideas. An adjustment he made this year was in response to students' fetish for Italian food. The "What's Your Beef" restaurant in the Stamp Union, will now be called "UMBertos" and specialize in Italian cooking.

"The kids love Italian food. Between chicken and Italian they're going to grow red feathers," he says. "That's how much they eat it. So we decided to try an Italian restaurant. It will be less expensive [than "What's Your Beef"], and we'll have a few premium items like veal parmesan."

Although the county does not require employee certification nor county health inspections, Sheriff requires both to keep his workers on their toes.

"I told [the inspectors] not to tell me when they're coming. What does that do? Let's get ready because the health inspectors are coming? So now they just show up."

In the future Sheriff would like to increase customer satisfaction, and consumer communication and to stabilize prices. He is unsure, however, if perfection is an attainable goal.

"I'm never going to stop trying," said Sheriff. "I love it here. It's the best job I've ever had. The people, the university, it's a great place to work and I know why I'm here. I'm here to serve people."

Patricia Gay

University Employees Walk to Philadelphia

Last spring, 33 employees walked from Washington, D.C. to Philadelphia.

All were participants in the University of Maryland Fitness Walker's program, sponsored by Campus Recreation Services.

The walkers had from Feb. 12 to July 4 to accumulate 130 miles, the distance between the two cities, by walking inside the Reckord Armory or outside on prescribed routes.

Those who completed or exceeded the distance were awarded T-shirts attesting to the successful completion of their "trip."

They are: Agnes Abell, physical plant; Constance Batts, CMPS; Betty Brooks, computer information systems; Ralph Burgio, university

printing; Bertis Cascio, agriculture experiment station; Carole Cook, physical plant; Gina Covington, mathematics; Jane Deren, CRBS; Karen Earl, office of the bursar; and Susan Fidlow, department of textiles and consumer economics.

Others who hiked the distance are: Conrad Foerter, research administration; Anne Franzak, English; Vitaline Handy, contracts and grants; Robert Hansen, alumnus; Aileen Lowry, BSOS; Connie McCulley, personnel services; Eugene McLoone, department of education policy, planning and administration; Marcia Meyer, personnel services; Catherine Nickle, administrative affairs; Susan Norsworthy, university printing; Harold Perry, university printing;

and Krishna Rao, system office.

Also: Mary Rein, mathematics; Rita Ricketts and Darla Robinson, personnel services; Lynda Sheppard, agriculture business office; Dorothy Shobe, agriculture business office; Kathleen Stauder, department of human nutrition; Gladys Touhey, international programs; Catherine Webster, academic affairs; Joyce Yarwood, mathematics; Dorothy Zahringer, resource planning and budget; and Marilyn Zeigler, BSOS.

"Walking is an excellent physical fitness activity that anyone at any age can participate in," says Barbara Aiken, assistant director in CRS. For more information, call 314-7218.



Meriam Rosen

Rosen Works to Help Students Find Way on Dance Floor

Throughout her multi-faceted career, Meriam Rosen, professor of dance, has learned many times over what a difference a good teacher can make for a student.

Inspired teachers helped pave her artistic journey from aspiring ballet dancer to modern dance choreographer and improvisation specialist. And it is a lesson that influences her own approach to teaching.

"I'm a real believer in the value of learning dance in a university setting," says Rosen, a member of the College Park dance faculty since 1967.

"If I hadn't gotten into a university dance program (at the University of Illinois), I otherwise wouldn't have found modern dance, which has been my life," she says.

In introducing students to the different paths a young dancer's career might take, Rosen draws on the experience of her own varied career. While her choreographic work and her direction of Improvisations Unlimited, a dance company in residence at the university, is well-known in the area, her pre-Maryland background includes extensive work as a dancer and a stint as a teacher at an experimental school in Illinois.

After finishing her undergraduate training in the late 1940s, Rosen taught dance for six years at an experimental high school in Champaign, Ill. With selective enrollment, accelerated learning and an emphasis on creativity, the job was an enjoyable and challenging introduction to teaching, Rosen says.

In 1955, Rosen left the classroom to work the dance boards. She toured four years with the Dance Quartet, a modern dance company that produced several other persons who have had fruitful careers, including Virginia Freeman of the Folger Theater and Dan Wagoner, who later worked with Martha Graham, Merce Cunningham and Paul Taylor. Rosen also danced with the Washington Dancers in Repertory and the Ethel Butler Dance Company.

In the early 1960s, Rosen came to the University of Maryland at College Park where for several years she taught classes while working on a master's degree in dance.

Rosen's interest and skill in choreography burgeoned here. Also, she discovered her most recent avocation—improvisation.

"I had avoided improvisation; it was a dirty word to me," Rosen says. "My first experience was that it was unstructured, emotional catharsis kind of stuff, not very worthwhile."

However, a Maryland colleague who was adept at creating quality improvisational pieces demonstrated to Rosen the possibilities

that existed within the form.

Rosen soon saw that rather than freewheeling self-indulgence, improvisation could become a heightened collaboration between dancers and directors.

In much of the improvisation that Rosen directs, she gives her dancers ideas that they work through in movement. She then leads the process of picking out the best expressions that emerge.

Rosen was so taken with the form that she founded Improvisations Unlimited in 1978. The company has presented more than 500 workshops and performances.

Area audiences will have an opportunity to see examples of Rosen's most recent work as a choreographer at a dance concert 8 p.m. Friday, Sept. 21, at Publick Playhouse in Cheverly. Dancers, including several College Park faculty and students, will present new Rosen works "Drifting" and "Fierce Attachments." For ticket information call 277-1710.

Brian Busek



Dancers perform Meriam Rosen's "Fierce Attachments." A concert of Rosen works will be held at 8 p.m. Sept. 21 at Publick Playhouse.

Shakespeare Set in Old West for New Theatre Season

Entertaining take-offs on *The Wizard of Oz* and *The Taming of the Shrew* highlight the University Theatre 1990-91 season.

Season tickets are currently available for the six-play season that will open with Lanford Wilson's *The Rimers of Eldritch* Oct. 16 in the Rudolph E. Pugliese Theatre. The play examines the life and Bible Belt morality of people in the small Midwestern town of Eldritch. Dates for the play are Oct. 16-21 and 23-28.

The first Tawes Theatre production is *The Wiz*, a gospel rock and soul version of Frank Baum's classic *The Wonderful Wizard of Oz*, which will open Nov. 8. Dates for the play are Nov. 8-11 and 15-17.

Agnes of God, a John Pielmeier play in which a psychiatrist examines a young nun accused of murdering her own baby, will be presented Nov. 27-30 and Dec. 1-2 and 4-9 in the Pugliese Theatre.

Major Barbara, the George Bernard Shaw classic in which a Salvation army worker fights for her ideals against the power of her father, a munitions maker, will be presented March 7-10 and 14-16 in Tawes Theatre.

Top Girls, a Caryl Churchill play in which great women of history gather for a time-warped luncheon to convey how they achieved suc-

cess by adopting the worst traits of their male oppressors, will be presented April 9-14 and 16-21 in the Pugliese Theatre.

The season will conclude with an unusual version of Shakespeare's *Taming of the Shrew*. Director Mitchell Patrick will place Petruchio and Kate in the Old West for their clamorous courtship. The play will be presented May 2-5 and 9-11 in Tawes Theatre.

For patrons interested in learning more about the creation of each production, actors and directors will conduct post-performance discussions after the second Thursday performance of each show.

Among the services at University Theatre productions are a free infrared listening system, audio description and sign interpretation. The listening system is available for all Tawes Theatre performances, audio description is available for Sunday matinee performances in Tawes Theatre and sign interpretation is available for select performances throughout the season.

For ticket information and more information about special services call 405-2201.

Simon Says Nation to Benefit from Immigrants

A new book, *The Economic Consequences of Immigration*, by business professor Julian Simon, says the United States will stand to benefit from accepting more immigrants into the country. Simon argues that the free economy of the United States unleashes the creativity of immigrants in ways that generally are not possible in most other countries. "All the U.S. need do to sharply increase the rate of advance in its technology and its industrial productivity is relax its barriers against the immigration of skilled creators of knowledge," Simon writes. The book has been favorably reviewed in *The New York Times*, *The Wall Street Journal*, and *Business Week*.

Geologist Finds that Statue of Liberty is Undamaged by Acid Rain

Beneath Lady Liberty's pretty green face is a brown skin of copper. The green surface is the patina, an ornamental film of chemicals that form naturally on copper as a result of corrosion.

It's all a matter of aesthetics. But if you look at photographs of the statue taken in the 1960s, you will see that the patina was uniformly green. Today, there is a variation in the shades of green with dark green on high areas such as the nose and cheeks and light green in deep areas such as the eyes and below the lips. These color patterns correspond to different mixtures of copper minerals in the patina.

It has been theorized that the changing color patterns are the result of chemical conversions caused by acid rain, which has become more acidic in the northeast United States during the last 20 or 30 years.

The National Park Service wanted to know what was happening to the surface of our Statue of Liberty, so they called in College Park's Richard A. Livingston to investigate. Livingston is a Department of Geology research fellow who specializes in architectural conservation science. He has served as a consultant for such structures as the Taj Mahal, the sphinx and the Washington National Cathedral.

Livingston developed a mathematical model using geochemical principles to predict which copper

minerals would be stable, given different rainwater and atmospheric chemical conditions. The minerals predicted in the model actually matched the chemistry of New York air and rainwater.

Livingston found that air quality in New York City is better now than it was 20 years ago—the positive result of emission controls placed on fuel oil and coal since the 1970s. The cleaner air has, in fact, made color patterns more prominent on the statue because of reduced sulfur dioxide in the atmosphere.

"The color patterns appear to be due to the prevailing winds which determine where rainwater contacts the statue," Livingston says. Where there is less rain contact, salt spray has a greater influence on patina shade. In the past, greater concentrations of sulfur dioxide dominated other effects such as seawater, causing a uniform color in the patina. According to Livingston, the cleaner air and rainwater in New York allows the sea salt to influence areas that receive less rain, and the patina thus develops various shades of green.

Livingston has concluded that the Statue of Liberty does not appear to be threatened by acid rain. "It appears that the statue will survive for several more centuries," he says.

Fariss Samarrai



The Statue of Liberty's surface has taken on a photo negative appearance due to chemical changes caused by cleaner air in New York City.

Systems Research Center Offers New Series of Technical Books

The Systems Research Center (SRC) and Springer-Verlag, a scientific and technical book publisher, have announced publication of a new series called *Progress in Automation and Information Systems*.

The goal of this series is to provide rapid dissemination of advances and discoveries in automation and information engineering to the academic and industrial engineering and scientific community. Both research and development as well as education will be covered. Individual volumes will cover workshop proceedings, specific research

advances, and short courses as well as modeling, computational methods and real-life applications.

The first volume in the series is *Recent Advances in Stochastic Calculus* edited by SRC director John Baras and V. Mirelli. The book, released in July, assembles all the most recent advances and presents both their theoretical aspects and engineering applications. It is the first time this information has appeared in book form, accessible to the engineering audience.

The SRC was founded with support from the National Science

Foundation with the goal of promoting and facilitating research and education in the integrated design of automation and information systems.

The new series will emphasize such areas as intelligent servomechanisms including aircraft, spacecraft, and robotic manipulators; chemical process systems such as reactors and whole plants; communication and data network systems; manufacturing systems, and system intelligence and architecture.

MIPS Announces Fall 1990 Grant Round

The Maryland Industrial Partnerships program (MIPS) is accepting proposals for its Fall 1990 grant round.

A component of the university's Engineering Research Center, MIPS helps Maryland companies leverage their research and development dollars by providing matching funds for technical projects of special interest to those companies and pairs them with university faculty researchers.

The maximum MIPS grant is \$70,000 per project per year for both large and small companies and \$50,000 for start-up firms. The application deadline is Oct. 26.

Since the program began three years ago, a total of 156 matching grants have been awarded to companies for projects designed to put technology to work and to enhance the state's economic vitality. \$14.6 million in joint research partnerships have been funded, \$5.3 mil-

lion contributed by MIPS and the university and \$9.3 million by industry.

MIPS-funded research projects include agriculture and aquaculture, biotechnology and genetic engineering, chemical engineering, communications, laser technology, robotics and software development among others.

Recognizing Campus Community Leadership

Since 1927, the Sigma Circle of Omicron Delta Kappa has been recognizing student leaders in five areas of campus community life: scholarship, social service, athletics, journalism and media, and the arts. Applications for honoring this year's juniors, seniors and graduate students can be picked up in the Office of Student Affairs, 2108 Mitchell, and must be returned no later than Friday, Sept. 21. Call Drury Bagwell at 314-8433 for information.

F.Y.I.

New Courses Offered by College Park Seminars

This fall, the Office of the Dean for Undergraduate Studies is sponsoring three new courses for freshman students as part of the College Park Seminars program called for in the Pease Report.

Designed to give students an intense introduction to undergraduate education with an emphasis on analytical and critical thinking, the new courses are linked to the common theme of "Science, Technology, and Society."

Open only to freshmen, each seminar is limited to twenty students and satisfies the CORE distributive studies area in social sciences under the category of behavioral and social science.

The College Park Seminars are: GNED 189A, "The Contemporary City," taught by Guido Francescato,

Department of Housing and Design. This seminar examines the city in a post-industrial society, its historical origins, culture and physical and symbolic aspects;

GNED 189B, "Technology and Modernization of the American Home," taught by Jo Paoletti, Department of Textiles and Consumer Economics. This seminar traces how technological change has shaped the American home since the mid-19th century;

GNED 189D, "Matters of Life and Death: Social and Ethical Impacts of Technology on Health Care," taught by Barbara Kaplan through the Department of Mechanical Engineering. This seminar will allow students to consider the ethical, political, economic and behavioral implications of technology

on health care.

A fourth seminar, GNED 189C, "Leisure and Technology," taught by John Churchill, Department of Recreation, was also offered last spring semester. The focus of this seminar is on the interrelationships among and between technology and leisure in various aspects of society.

Faculty who would like to teach a College Park Seminar for the spring and fall semesters of 1991 should contact Kathryn Mohrman, dean for undergraduate studies. Interested faculty will have the freedom to develop a seminar of their choice, and the 1991 seminars will not need to conform to a predetermined theme. The deadline for course proposals is October 1.

John Fritz

Workshop Offered for International Students

University of Maryland students with F-1 or J-1 visas are invited to attend a workshop on job search strategies and interviewing techniques on Oct. 3 and 10 from 4-6 p.m. in Room T of Hornbake Library's Non-Print Media Services.

The intensive two-part workshop will cover information on visa and work regulations, cultural differences in the United States, and will explain the steps necessary for a successful job search.

The program is offered each semester and is jointly sponsored by the Career Development Center and the International Education Services office. Participants must register in Room 3121, Hornbake Library South Wing, for the free event. For further information, call 314-7225.

Students Participate in USSR Exchange Program

This summer several University of Maryland at College Park students went to the Timiryazev Agricultural Academy in Moscow for a cultural/educational exchange. The students, who had varied backgrounds and interests such as government and politics, journalism, computer science, and agriculture, spent five weeks touring cultural sights in Moscow, visiting state and cooperative farms, hearing lectures on agriculture and economics, and travelling through the Soviet Union.

Students participating in the program included, Matthew Gardner, a sophomore government and politics major; Ann E. Kirwan, a senior journalism major; Joseph Chisolm, a senior pre-vet major; Carl O. Patton, a senior horticulture major; and Karen Duggar, a graduate student in Russian politics.

Also participating in the trip were Susan Schoenian, extension agent, State of Maryland, and Sherrell Goggin, University of Maryland Department of AREC.

Graduate and Professional School Fair Scheduled for Oct.

The University of Maryland is one of the 11 colleges and universities in the Washington, D.C. area sponsoring the 13th annual Graduate and Professional School Fair on Oct. 19 and 31 at George Washington University's Marvin Center.

Located on the third floor of the center, 21st and H Streets, N.W. near the Foggy Bottom Metro stop, the fair will feature over 200 admissions representatives from universities across the nation. Panels will also be presented on

financing graduate study, applying successfully, and options in law.

Graduate programs will be featured on Monday, Oct. 29, and law schools will be represented on Wednesday, Oct. 31. The free program will be held both days from 2 to 7 p.m.

The Career Development Center, Room 3112 Hornbake Library South Wing, has a listing of the participating schools. Call 314-7225 for more information.

Preview of Coming Attractions



A construction worker balances on the steel beams that will support the roof of Tyser Auditorium in the new College of Business and Management and School of Public Affairs facility going up on the southwest side of campus. The auditorium is named for Ralph Tyser, a 1940 graduate who donated \$1 million to the College of Business and Management's building campaign.

JAMES RITCH

CALENDAR

SEPTEMBER 17-25

17 MONDAY

Art Gallery Exhibition: "Trouble in Paradise," today-Oct. 26, The Art Gallery, Art/Soc Bldg. Call 5-2763 for info.

Computer Science Colloquium: "Structured Documents: Their Logical Specification and Processing," featuring Allen L. Brown, Jr., U. of Syracuse and Xerox Webster Research Center, reception, 3:30 p.m., 1152 A.V. Williams Bldg., lecture, 4 p.m., 0111 Classroom Bldg. Call 5-2661 for info.

Women's Studies Lecture: "Passionate Politics: The Making of a Feminist Movement in Washington D.C., 1967-77," featuring Charlotte Bunch, 8 p.m., 2203 Art/Soc Bldg. Call 5-6877 for info.

Horticulture Seminar: "Production of Alternative Flower Crops in Maryland," featuring Will Healy, 4 p.m., 0128 Holzapfel Hall. Call 5-4360 for info.

Space Science Seminar: "Investigations of Coronal and Chromospheric Processes with Solar Wind Ion Composition," featuring Johannes Geiss, U. of Bern, Switzerland, 4:30 p.m., 1113 Computer & Space Sciences Bldg. Call 5-4829 for info.

Indonesian Puppet Theatre, 8 p.m., pre-concert seminar, 6:30 p.m., Tawes Recital Hall. Call 80-4240 for info.

College Park Youth and Family Services," featuring Peggy Higgins, Director, College Park Youth & Family Services, noon-1 p.m., 0106-0114 Shoemaker Bldg. Call 4-7691 for info.

Department of Art Minorities & Women Lecture, featuring Marcia Tucker, Founder & Director, The New Museum, 1 p.m., 1309 Art/Soc Bldg. Call 5-1442 for info.

Women's Soccer vs. Radford, 1 p.m., Soccer Field. Call 4-7064 for info.

Men's Soccer vs. American U., 3 p.m., Soccer Field. Call 4-7064 for info.

Astronomy Colloquium: "Gamma Ray Astronomy and Gamma Ray Observatory," featuring James Kurfess, U.S. Naval Research Laboratory, Washington, D.C., 4 p.m., 1113 Computer & Space Sciences Bldg., pre-lecture tea, 3:30 p.m., 0254 CSS. Call 5-1524 for info.

Wesley Foundation and United Campus Ministry Open House and Worship, 4-6 p.m., West Lounge, Memorial Chapel. Call 5-8450 for info.



CHARLOTTE ELDRIDGE WHEELER

Guest Speaker: Charlotte Bunch, Director of the Center for Global Issues and Women's Leadership, Rutgers University, will open the Fall 1990 Feminist Theory and Women's Activism Lecture Series, Monday, September 17 at 8 p.m. in the Art/Sociology Building, Room 2203. Call 5-6877 for information.

18 TUESDAY

Nyumburu Cultural Center Open House, 9 a.m.-7 p.m., 3123 South Campus Dining Hall. Call 4-7758 for info.

Meditation Center Open House, 11 a.m.-1 p.m., 2113 Mitchell Bldg. Call 4-8428 for info.

SUPC Games and Tournaments: "Fun in the Union," noon-2 p.m., Stamp Student Union. Call 4-8495 for info.

College of Agriculture Welcome Picnic, 3:30-5:30 p.m., south side of Symons Hall. Call 5-4685 for info.



Women's Volleyball vs. William & Mary, 7 p.m., Cole Field House. Call 4-7064 for info.

Architecture Lecture, featuring Anthony Ames, Architect, Atlanta, GA, 7:30 p.m., Architecture Auditorium. Reception and exhibition to follow lecture. Call 5-6284 for info.



Wesley Foundation Bible Study, 5 p.m., University United Methodist Church. Call 422-1400 for info.

Women's Field Hockey vs. Towson State, 6:30 p.m., Astro turf Field. Call 4-7064 for info.

19 WEDNESDAY

Counseling Center Research and Development Seminar: "Caseload Trends as Seen by

20 THURSDAY

Meteorology Seminar: "Spectra and Correlation Functions for the Atmospheric Turbulence in the Neutral or Unstable Surface Layer," featuring Akiva Yaglom, Soviet Academy of Sciences, Moscow, U.S.S.R., 3:30 p.m., 2114 Computer & Space Sciences Bldg., refreshments at 3 p.m. Call 5-5392 for info.

History and Philosophy of Science Lecture: "Analytical Chemistry and a Second Scientific Revolution," featuring Davis W. Baird, U. of South Carolina, 4 p.m., 2324 Computer Science Center. Call 5-5691 for info.

Women's Field Hockey vs. American U., 7 p.m., Astro turf Field. Call 4-7064 for info.

21 FRIDAY

Terrapin Invitational Women's Volleyball Tournament, UM vs. Drexel, 8 p.m., Cole Field House. Call 4-7064 for info.

22 SATURDAY

Creative Dance Lab, for children ages 4-16, one-hour classes 10 a.m.-2 p.m., 1136 Dance Bldg. Call 5-7039 for info.

Maryland University Club Pre-game Brunch, 10 a.m., Rosborough Inn. Call 4-8015 for info.

UM Football vs. N.C. State, noon, Byrd Stadium. Call 4-7064 for info.

Terrapin Invitational Women's Volleyball Tournament, UM vs. Bradley, 2 p.m., UM vs. South Carolina, 7 p.m. Cole Field House. Call 4-7064 for info.

23 SUNDAY

Wesley Foundation Meeting: "Habitat for Humanity/Service Project Information Night," dinner at 6 p.m., meeting at 7 p.m., University United Methodist Church. Call 422-1400 for info.

24 MONDAY

Art Gallery Exhibition: "Trouble in Paradise," today-Oct. 26, The Art Gallery, Art/Soc Bldg. Call 5-2763 for info.

College of Agriculture and College of Life Science Reception, 1-4 p.m., Zoo/Psych Bldg. Call 5-2080 for info.

Teaching Workshop, for all faculty teaching CORE-approved general education courses, 1:30-4:30 p.m., Maryland Room, Marie Mount Hall. Call 5-9359 for info.

Time Management Workshop, 3-4:30 p.m., 2201 Shoemaker Bldg. Call 4-7693 for info.



Computer Science Colloquium: "Towards Industrial Strength Software Development Environments," featuring Dewayne E. Perry, AT&T Bell Laboratories, reception, 3:30 p.m., 1152 A.V. Williams Bldg., lecture, 4 p.m., 0111 Classroom Bldg. Call 5-2661 for info.

Horticulture Seminar: "Tissue-printing Techniques in Plants," Rosannah Taylor, USDA Plant Hormone Lab, Beltsville, 4 p.m., 0128 Holzapfel Hall. Call 5-4360 for info.

Space Science Seminar: "How to Make the Most of the NS-SDC," Susan Kayser, National Space Science Data Center, NASA/Goddard, 4:30 p.m., 1113 Computer and Space Sciences Bldg. Call 5-4829 for info.

SUPC's Issues & Answers Committee Movie: "Thin Blue Line," 6:30 p.m., discussion with Randall Adams at 8 p.m., Hoff Theatre. Call 4-8495 for info.

25 TUESDAY

Maryland Center for Quality and Productivity Seminar: "Introduction to Total Quality," today and tomorrow, 8 a.m.-4:30 p.m., Calvert Holiday Inn, Beltsville. Call 80-4535 for info.

Women's Field Hockey vs. Penn State, 7 p.m., Astro turf Field. Call 4-7064 for info.

* Admission charge for this event. All others are free.